What is claimed is:

- 1. A syringe pump comprising:
 - a syringe comprising a plunger that slides in a body which has a discharge port;
- a driving mechanism coupled to said syringe, comprising a cylinder in which a piston mounted on a shaft slides, and a biasing device operative to apply an urging force on said piston to drive said piston distally in said cylinder; and
- a safety catch that initially prevents said biasing device from moving said piston, said safety catch being removable to permit said biasing device to move said piston.
- 2. The syringe pump according to claim 1, wherein said cylinder is at least partially filled with a hydraulic fluid.
- 3. The syringe pump according to claim 2, wherein said piston is formed with a vent hole that passes through the thickness of said piston and is in fluid communication with a port in said shaft, wherein said vent hole and said port permit flow of said hydraulic fluid from a distal portion of said cylinder in front of said piston to a proximal portion of said cylinder behind said piston.
- 4. The syringe pump according to claim 2, wherein a biasing force of said biasing device on said piston and a hydraulic damping of said hydraulic fluid provide a close-to-linear pumping force.
- 5. The syringe pump according to claim 1, wherein said driving mechanism is coupled to a head of said plunger with a clasp.
- 6. The syringe pump according to claim 1, wherein said biasing device comprises a coil spring disposed on a portion of said shaft.
- 7. The syringe pump according to claim 1, wherein said syringe contains sperm therein.
- 8. The syringe pump according to claim 1, wherein said syringe and said driving mechanism are housed in a casing.
- 9. The syringe pump according to claim 8, wherein said casing has a window through which travel of said driving mechanism is observable.